

**Notice of Allowability**

Application No.

09/912,231

Applicant(s)

REGULA ET AL.

Examiner

Art Unit

Clifford H. Knoll

2112

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/29/05.
2. ☒ The allowed claim(s) is/are 1-3, 5-21 and 23-42.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 12/15/05.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
REHANA PERVEEN  
SUPERVISORY PATENT EXAMINER  
12/16/05

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Anatoly Weiser (#43229) on 12/13/05.

Cancel claims 4 and 22.

In claim 1, replace "stations, and" (line 6) with –stations; and–

In claim 1, replace "one of the stations." (line 8) with –one of the stations; wherein each station includes: an initiator that requests permission to transmit outgoing data over a track to another station and that transmits the outgoing data; an arbiter that evaluates requests from other stations and selects a track on which to receive incoming data; and a target that receives the incoming data. –

In claim 5, replace "claim 4" with –claim 1–.

In claim 7, replace "claim 4" with –claim 1–.

In claim 9, replace "claim 4" with –claim 1–.

In claim 11, replace "claim 4" with –claim 1–.

In claim 13, replace "claim 4" with –claim 1–.

In claim 19, replace "one of the stations." (line 10) with –one of the stations; wherein the step of communicating between the plurality of stations further comprises

Art Unit: 2112

the steps of: sending a request from a first station to a second station; evaluating the request at the second station; sending a grant signal from the second station to the first station; selecting a track at the second station; sending a data or command from the first station to the second station; and receiving the data or command at the second station.—

In claim 23, replace “claim 22” with —claim 19—.

In claim 40, replace “A system as in claim 1,” with —A system for communication on a chip, comprising: an on-chip communication bus including plural tracks; and a plurality of stations that couple a plurality of on-chip components to the on-chip communication bus; wherein each station has a dedicated track which it can use to send information to other stations; and a first on-chip component of the plurality of on-chip components and a second on-chip component of the plurality of on-chip components are coupled to the on-chip communication bus through one of the stations;

—

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clifford H. Knoll whose telephone number is 571-272-3636. The examiner can normally be reached on M-F 0630-1500.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2112

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

chk

  
REHANA PERVEEN  
SUPERVISORY PATENT EXAMINER  
12/16/05